

Outlook on Magento 2

Matthias Zeis

Profile

- Magento since 2009
- Magento Blog 2010
- Magento Certified 2011
- Magento Meetup 2012
- [@mzeis](#)
- matthias-zeis.com



LimeSoda

- Founded 2002
- Based in Vienna
- Magento since 2009
- 25+ people
- We're looking for you!
limesoda.com/jobs/

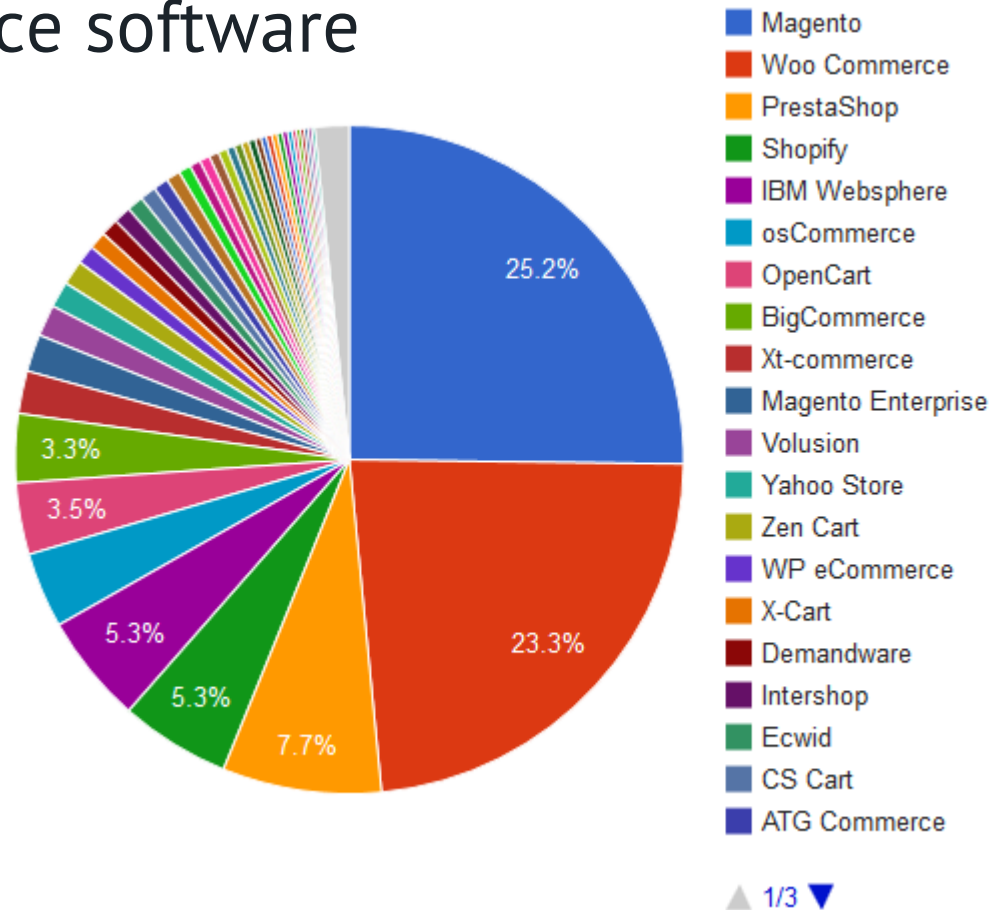


Do you know it / work with it?

MAGENTO

Magento

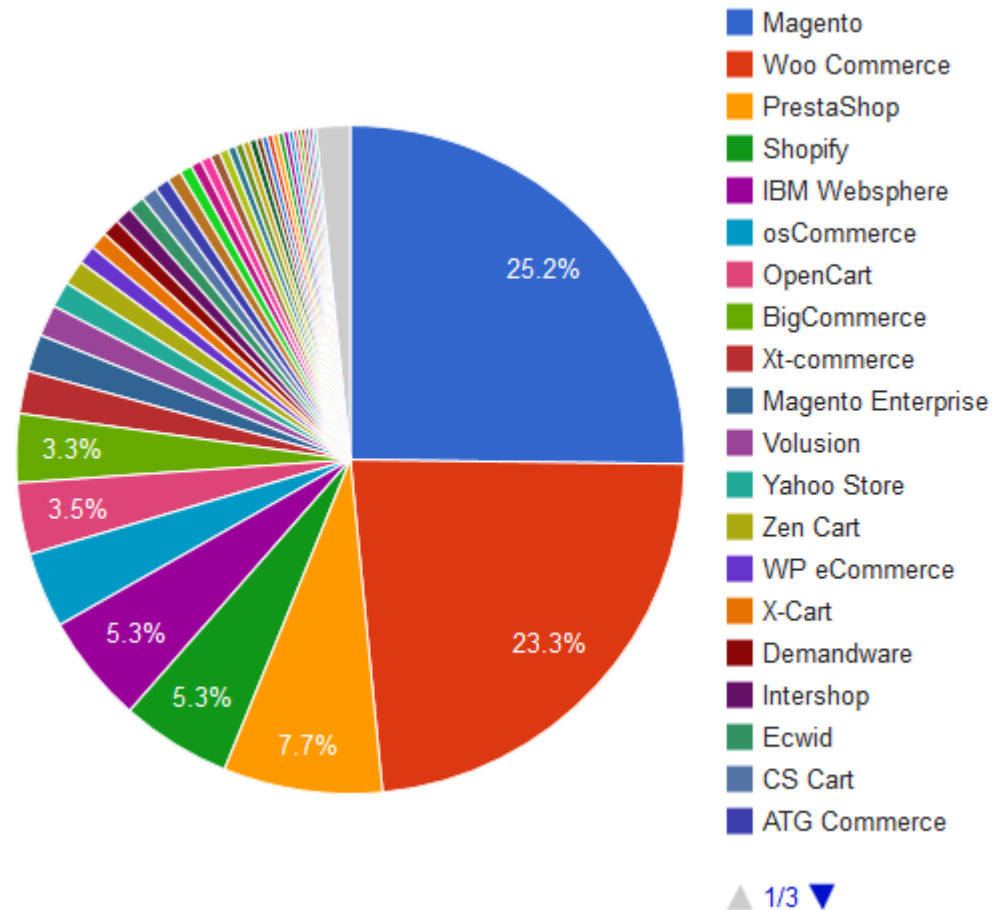
- Most used E-Commerce software
- Released 2008
- Bought by eBay 2011
- Open Source
- Open Source
- Community Edition
- Enterprise Edition



<http://www.datanyze.com/market-share/e-commerce-platforms/Alexa%20top%201M>

Magento

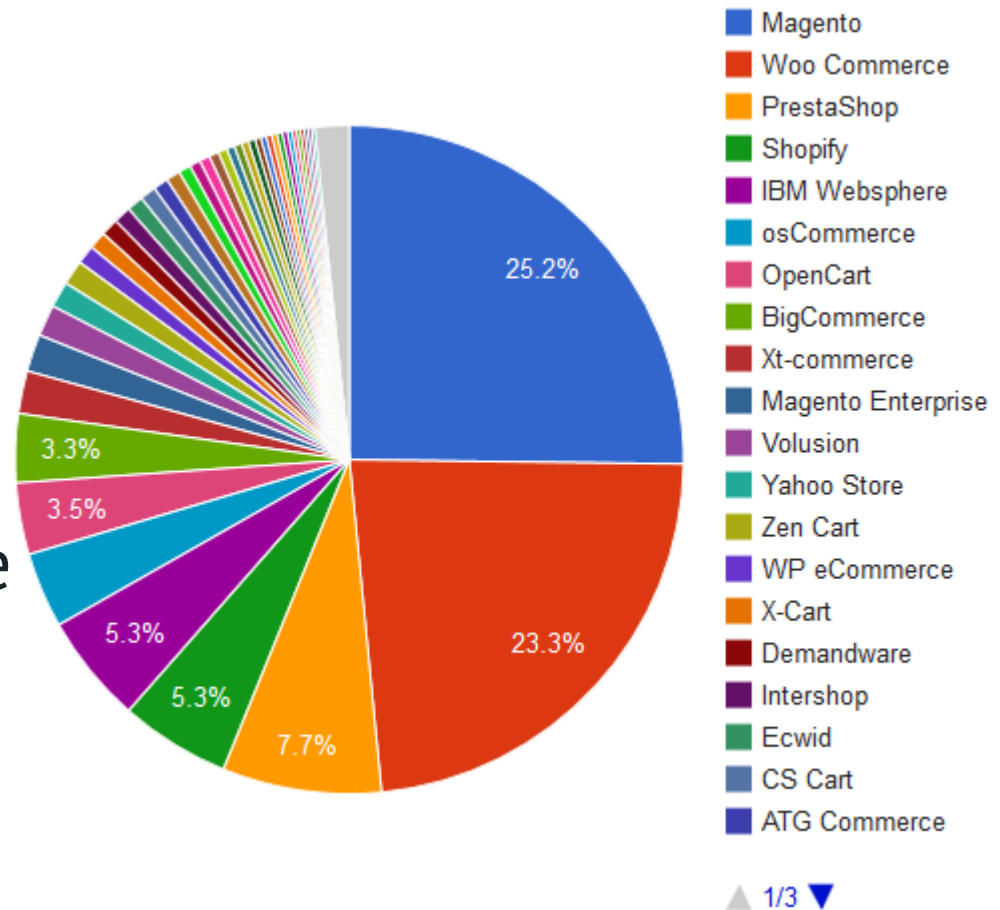
- PHP & MySQL
- OOP
- Configuration over convention
- XML configuration
- PrototypeJS + jQuery
- Very flexible
- Complex



<http://www.datanyze.com/market-share/e-commerce-platforms/Alexa%20top%201M>

Magento

- Multiple stores
- Multiple languages
- Multiple currencies
- Multiple designs
- Responsive theme
- Common e-commerce & marketing features
- Integration with other systems



<http://www.datanyze.com/market-share/e-commerce-platforms/Alexa%20top%201M>

If everything is so great...

WHY MAGENTO 2?

Why Magento 2?

- Well... 2008!
 - Legacy code
 - Dependencies between modules
 - No automated tests
 - No Dependency Injection (DI)
 - No Composer, but PrototypeJS, ...
 - Time has moved on!
- Performance
- Upgrades & Stability
- Competition

Goals for Magento 2

New Magento 2 Platform Capabilities



<https://twitter.com/IgorKuzyk/status/545596886447427587>


Timeline

Magento 2 Timeline



<https://twitter.com/ronpeled/status/545598115110088704>

Public repository at GitHub

 **magento / magento2**

Watch 599

★ Unstar 2,298

Fork 1,276

All Submissions you make to Magento, an eBay Inc. company ("Magento") through GitHub are subject to the following terms and conditions: (1) You grant Magento a perpetual, worldwide, non-exclusive, no charge, royalty free, irrevocable license under your applicable copyrights and patents to reproduce, prepare derivative works of, display, publical... <http://www.magento.com>

9,059 commits

2 branches


99 releases

80 contributors

branch: develop

magento2 / +

MAGETWO-33530: M2 GitHub Update (version 0.74.0-beta8)

 **kandy** authored 5 days ago

latest commit 94bdded132

app	MAGETWO-33530: M2 GitHub Update (version 0.74.0-beta8)	5 days ago
bin	MAGETWO-35666: Move update-schema and update-data commands	a month ago
dev	Merge branch 'develop-mainline' into MAGETWO-34552-main	6 days ago
lib	MAGETWO-33530: M2 GitHub Update (version 0.74.0-beta8)	5 days ago
pub	Merge remote-tracking branch 'mainlineCE/develop' into MAGETWO-34621-...	a month ago
setup	Merge remote-tracking branch 'mainline/develop' into develop	8 days ago

Code

Issues 232

Pull requests 13

Wiki

Pulse

Graphs

SSH clone URL

git@github.com:magei

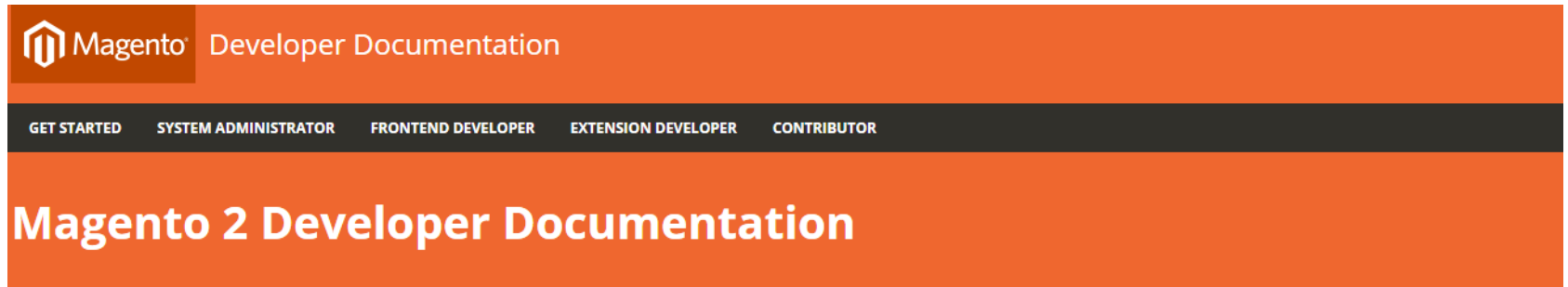
You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP

github.com/magento/magento2

Documentation



Get Started with Magento

RELEASE NOTES

New features, enhancements, and behavior changes in Magento 2.

MAGENTO ARCHITECTURE

What is Magento? How the Magento platform is organized, overview of modules, file system, and database.

System Administrators

INSTALLATION GUIDE

How to use Composer to install Magento and extensions.

CONFIGURATION GUIDE

devdocs.magento.com

Automated testing & CI

magento/magento2  build passing

Current Branches Build History Pull Requests

 **Pull Request #1274** Bartdelvauxx catalogimportexport validation

 Use the generic existing constant

Use the existing constant because the constant is not available in the `Magento\CatalogImportExport\Model\Import\Product` class.

 bartdelvauxx authored and committed

436 started

 Commit b7dd10e

 #1274: Bartdelvauxx catalogim

 running for 9 min 2 sec

 -

Build Jobs

✓	# 436.1		</> PHP: 5.5	TEST_SUITE=unit	16 m
...	# 436.2		</> PHP: 5.5	TEST_SUITE=integration	9 mir
✓	# 436.3		</> PHP: 5.5	TEST_SUITE=integration_integrity	8 mir
✓	# 436.4		</> PHP: 5.5	TEST_SUITE=static_phpcs	5 mir
✓	# 436.5		</> PHP: 5.5	TEST_SUITE=static_annotation	3 mir
✓	# 436.6		</> PHP: 5.6	TEST_SUITE=unit	16 m
✓	# 436.7		</> PHP: 5.6	TEST_SUITE=integration	35 m
✓	# 436.8		</> PHP: 5.6	TEST_SUITE=integration_integrity	5 mir

travis-ci.org/magento/magento2

Tech Stack

- PHP 5.5, 5.6 & HHVM 3.6
- Will be compatible with PHP 7
- MySQL 5.6
- Symfony, Zend Framework 2 & 1
- jQuery, RequireJS
- LESS, Grunt

Composer

branch: develop magento2 / composer.json

kandy 5 days ago MAGETWO-33530: M2 GitHub Update (version 0.74.0-beta8)

19 contributors

216 lines (215 sloc) 9.762 kb

Raw Blame History

```
1 {
2     "name": "magento/magento2ce",
3     "description": "Magento 2 (Community Edition)",
4     "type": "project",
5     "version": "0.74.0-beta8",
6     "license": [
7         "OSL-3.0",
8         "AFL-3.0"
9     ],
10    "require": {
11        "php": "~5.5.0|~5.6.0",
12        "zendframework/zend-stdlib": "2.3.1",
13        "zendframework/zend-code": "2.3.1",
14        "zendframework/zend-server": "2.3.1",
15        "zendframework/zend-soap": "2.3.1",
16        "zendframework/zend-uri": "2.3.1",
17        "zendframework/zend-validator": "2.3.1",
18        "zendframework/zend-console": "2.3.1",
19        "zendframework/zend-modulemanager": "2.3.1",
20        "zendframework/zend-mvc": "2.3.1",
21        "zendframework/zend-text": "2.3.1",
22        "zendframework/zend-eventmanager": "2.3.1",
```

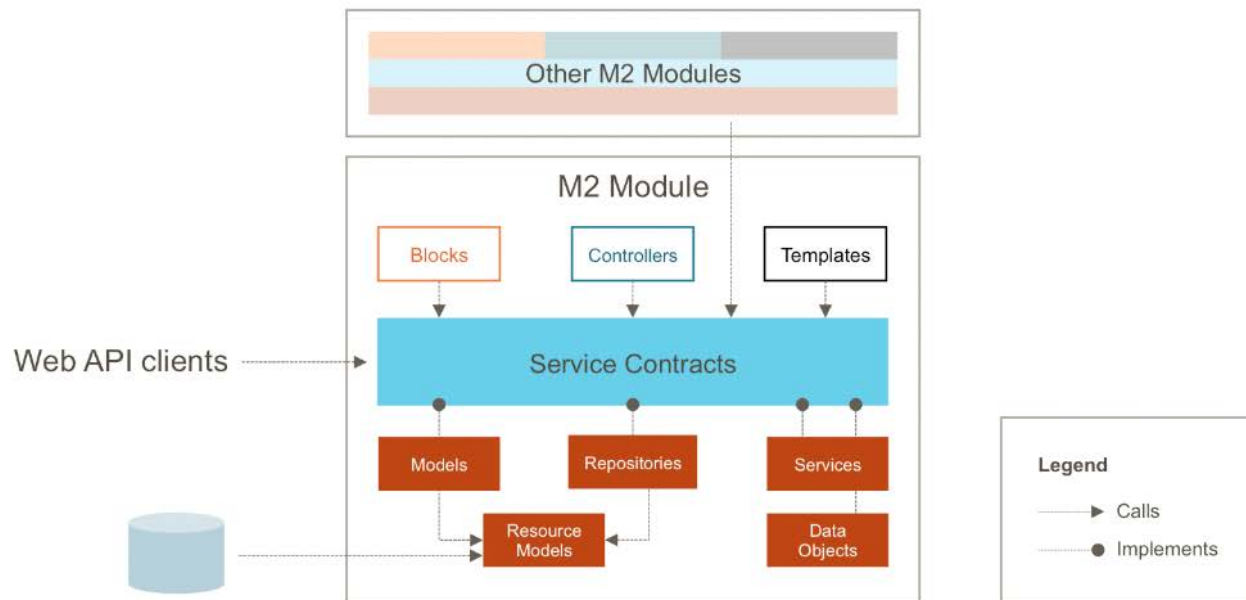

Architecture changes

- Convention over configuration (a bit more)
- Dependency Injection (DI)
- Aspect Oriented Programming (AOP)
- Service contracts
- Versioned & stable API

Service contracts

Service Contracts Overview

Entry point to business logic of the module



Good

- Modern tech stack
- Automated tests
- Best practices
- More community contribution
- More documentation
- Faster

Not so good

- Not real TDD (only for „new“ code)
- Code still in refactoring (will go on until GA)
- Not easier than Magento 1 (but maybe less pitfalls)
- Manual migration from M1 to M2 (some tools available)
- Not much/everywhere faster (they focus on that now)

When should you look at M2?

- Looking and playing around?
 - Now
- Use in production?
 - ≥ 2016
- Client budget?
 - ≥ 20 man-days (you don't just want a standard shop, right?)
- Hosting?
 - Not your € 5 shared space

Questions?

Thank you!

@mzeis

matthias-zeis.com

limesoda.com/jobs/